

I. Please replace the three consecutive paragraphs beginning on page 6, line 17, and ending on page 7, line 9, with the following three amended paragraphs:

The light detection circuit (40) is composed of multiple resistors (VR1, R14, and R15) and a photo resistor (RV1). The resistors (VR1, R14, and R15) are used to form a voltage divider circuit such that ~~at each voltage tapping junction~~ a reference voltage (VREF) is produced at a voltage tapping junction, and the photo resistor RV1 forms the light detector (22).

The comparator circuit (50) is formed by multiple comparators (51-54). The reference voltage terminal of each is respectively connected to ~~[[a]]~~ the voltage tapping junction of the light detection circuit (40) to receive the respective reference voltage (VREF). The input terminals of the comparators (51-54) are connected to a resistor of a different resistance value for voltage detection. The output terminals of the comparators (51-54) are respectively connected to the corresponding input pins of the display module (23) to control the illumination of the corresponding display segments (231-234).

The power switch circuit (60) with the push-button switch (30) and the battery (24) connected in series controls the operating voltage (Vcc) of the light detection circuit (40), the comparator circuit (50) and the display module (23). ~~Both~~ The ends of the series combination of push-button switch (30) and battery (24) are connected to a resistor (R10) and a Zener diode (D3) connected in parallel at series with a junction L therebetween.

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which in turn is connected to one of the ~~pins~~ pin (L) of the display module (23) to control the illumination of the fifth display segment (235).

II. Please replace the ABSTRACT, in its entirety, page 12, with the following amended ABSTRACT:

ABSTRACT OF THE DISCLOSURE

~~The present invention is a~~ A portable UV detector ~~with simple operation, wherein~~
is provided having a printed circuit board, a display module and multiple batteries are
~~housed in the~~ a cylindrical body. A display panel window is located on the external wall
of the cylindrical body to mount the display module with an appropriate UV level
indicator. A ~~The~~ light detector located underneath the filtering lens is enabled at the push
of a button to measure the intensity of incoming UV light and display a corresponding
level on the display module. ~~, whenever a user wants to find out the intensity of UV~~
~~radiation in an outdoor environment. Light of different intensity exhibits different~~
~~electrical characteristics in terms of current flow, voltage or resistance. Therefore,~~
~~through the light detector a value is measured and converted to an appropriate reading~~
~~scale corresponding to the UV radiation level measured which is then shown on the~~
~~display of the UV detector.~~

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AMENDMENTS TO THE DRAWINGS

The attached two (2) Drawing sheets include a change to each of Figs. 2 and 3. Each of the two (2) sheets respectively include a replacement for Figs. 2 and 3, which replace the original sheets that include Figs. 2 and 3 thereon. In Figs. 2 and 3, reference numeral errors have been corrected.

Attachment: Two (2) Replacement Sheets.